

L Number	Hits	Search Text	DB	Time stamp
1	673326	((irradiat\$8 or radiat\$8 or expos\$8 or iluminat\$8) near5 (light or energy or radiation or electromagnetic or UV or ultraviolet))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/04/12 12:48
2	14573	((irradiat\$8 or radiat\$8 or expos\$8 or iluminat\$8) near5 (light or energy or radiation or electromagnetic or UV or ultraviolet)) and ((produc\$5 or generat\$5 or mak\$5 or manufactur\$5 or releas\$5) near5 (hydrogen or "H.sub.2"))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/04/12 12:48
3	5582	((irradiat\$8 or radiat\$8 or expos\$8 or iluminat\$8) near5 (light or energy or radiation or electromagnetic or UV or ultraviolet)) and ((produc\$5 or generat\$5 or mak\$5 or manufactur\$5 or releas\$5) near5 (hydrogen or "H.sub.2"))) and (photocataly\$8 or catalyst\$8)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/04/12 12:42
4	3282	((irradiat\$8 or radiat\$8 or expos\$8 or iluminat\$8) near5 (light or energy or radiation or electromagnetic or UV or ultraviolet)) and ((produc\$5 or generat\$5 or mak\$5 or manufactur\$5 or releas\$5) near5 (hydrogen or "H.sub.2"))) and (photocataly\$8 or catalyst\$8) and (rhodium or rh or iridium or ir or platinum or pt or palladium or pd)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/04/12 12:42
5	691	((irradiat\$8 or radiat\$8 or expos\$8 or iluminat\$8) near5 (light or energy or radiation or electromagnetic or UV or ultraviolet)) and ((produc\$5 or generat\$5 or mak\$5 or manufactur\$5 or releas\$5) near5 (hydrogen or "H.sub.2"))) and (photocataly\$8 or catalyst\$8) and (rhodium or rh or iridium or ir or platinum or pt or palladium or pd) and ligand\$3	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/04/12 12:43
6	460	((irradiat\$8 or radiat\$8 or expos\$8 or iluminat\$8) near5 (light or energy or radiation or electromagnetic or UV or ultraviolet)) and ((produc\$5 or generat\$5 or mak\$5 or manufactur\$5 or releas\$5) near5 (hydrogen or "H.sub.2"))) and (photocataly\$8 or catalyst\$8) and (rhodium or rh or iridium or ir or platinum or pt or palladium or pd) and ligand\$3 and (halogen\$3 or halohalic)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/04/12 12:43
8	1	((irradiat\$8 or radiat\$8 or expos\$8 or iluminat\$8) near5 (light or energy or radiation or electromagnetic or UV or ultraviolet)) and ((produc\$5 or generat\$5 or mak\$5 or manufactur\$5 or releas\$5) near5 (hydrogen or "H.sub.2"))) and (photocataly\$8 or catalyst\$8) and (rhodium or rh or iridium or ir or platinum or pt or palladium or pd) and ligand\$3 and (halogen\$3 or halohalic) and (phosphorous or phosphazene or phosphazane or diphosphazane)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/04/12 12:44

7	1	(((((((irradiat\$8 or radiat\$8 or expos\$8 or iluminat\$8) near5 (light or energy or radiation or electromagnetic or UV or ultraviolet)) and ((produc\$5 or generat\$5 or mak\$5 or manufactur\$5 or releas\$5) near5 (hydrogen or "H.sub.2")))) and (photocataly\$8 or catalyst\$8)) and (rhodium or rh or iridium or ir or platinum or pt or palladium or pd)) and ligand\$3) and (halogen\$3 or halohalic)) and (phosphorous or phosphazene or phosphazane)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/04/12 12:45
9	163	(((((((irradiat\$8 or radiat\$8 or expos\$8 or iluminat\$8) near5 (light or energy or radiation or electromagnetic or UV or ultraviolet)) and ((produc\$5 or generat\$5 or mak\$5 or manufactur\$5 or releas\$5) near5 (hydrogen or "H.sub.2")))) and (photocataly\$8 or catalyst\$8)) and (rhodium or rh or iridium or ir or platinum or pt or palladium or pd)) and ligand\$3) and (halogen\$3 or halohalic)) and ((irradiat\$8 or radiat\$8 or expos\$8 or iluminat\$8) near5 ((hydrochloric (a) acid) or HCl or (hydrogen (a) (bromide or flouride or iodide)) or HBr or HCl or HI))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/04/12 12:50

L Number	Hits	Search Text	DB	Time stamp
1	19967	((irradiat\$8 or radiat\$8 or expos\$8 or illuminat\$8) near5 (photocataly\$5 or cataly\$5))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/04/12 13:55
2	4275	((irradiat\$8 or radiat\$8 or expos\$8 or illuminat\$8) near5 (photocataly\$5 or cataly\$5)) and ((photocataly\$5 or cataly\$5) near5 (rhodium or rh or iridium or ir or platinum or pt or palladium or pd))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/04/12 13:56
3	465	((irradiat\$8 or radiat\$8 or expos\$8 or illuminat\$8) near5 (photocataly\$5 or cataly\$5)) and ((photocataly\$5 or cataly\$5) near5 (rhodium or rh or iridium or ir or platinum or pt or palladium or pd))) and ligand\$3	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/04/12 13:56
4	113	((irradiat\$8 or radiat\$8 or expos\$8 or illuminat\$8) near5 (photocataly\$5 or cataly\$5)) and ((photocataly\$5 or cataly\$5) near5 (rhodium or rh or iridium or ir or platinum or pt or palladium or pd))) and ligand\$3) and (triphenyl\$2phosphine)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/04/12 13:57
5	9	((irradiat\$8 or radiat\$8 or expos\$8 or illuminat\$8) near5 (photocataly\$5 or cataly\$5)) and ((photocataly\$5 or cataly\$5) near5 (rhodium or rh or iridium or ir or platinum or pt or palladium or pd))) and ligand\$3) and (triphenyl\$2phosphine)) and (two near3 (electron\$3 or metal\$3))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/04/12 13:57
6	39	((irradiat\$8 or radiat\$8 or expos\$8 or illuminat\$8) near5 (photocataly\$5 or cataly\$5)) and ((photocataly\$5 or cataly\$5) near5 (rhodium or rh or iridium or ir or platinum or pt or palladium or pd))) and ligand\$3) and (triphenyl\$2phosphine)) and ((two or "2") near3 (electron\$3 or metal\$3))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/04/12 13:58

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(FILE 'HOME' ENTERED AT 15:23:34 ON 12 APR 2004)

FILE 'CAPLUS' ENTERED AT 15:24:35 ON 12 APR 2004

L1 98375 S (PHOTOCATLY? OR CATALY?) (5A) (RHODIUM OR "RH.SUB.2" OR  
PLATI  
L2 17265 S L1 AND (HYDROGEN OR "H.SUB.2")  
L3 874 S L2 AND LIGAND#  
L4 56 S L3 AND ((HYDROCHLORIC (A) ACID) OR HCL OR (HYDROGEN (A)  
(BROM  
L5 3 S L4 AND (TETRAHYDROFURAN OR THF OR SILANE OR ISOPROPANAL OR  
DI  
L6 3 S L4 AND (TETRAHYDROFURAN OR THF OR SILANE OR ISOPROPANAL OR  
DI  
L7 2043 S (TWO OR "2") (5A) METAL (5A) ATOMS  
L8 28 S L1 AND L7  
L9 10 S L8 AND LIGAND#  
L10 256305 S HYDROGEN/TI  
L11 18738 S L10 AND (IRRADIAT? OR RADIAT? OR EXPOS? OR ILLUMINAT?)  
L12 1122 S L11 AND (RHODIUM OR RH OR PLATINUM OR PT OR IRIDIUM OR IR  
OR  
L13 2169 S L11 AND (RHODIUM OR RH OR PLATINUM OR PT OR IRIDIUM OR IR  
OR  
L14 27 S L13 AND VALENCE  
L15 28 S L13 AND LIGAND#

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(FILE 'HOME' ENTERED AT 17:22:22 ON 12 APR 2004)

FILE 'CAPLUS' ENTERED AT 17:22:45 ON 12 APR 2004

L1 24709 S BIMETALLIC OR BINUCLEAR  
L2 7978 S L1 AND LIGAND#  
L3 105 S L2 AND (IRRADIAT? OR RADIAT? OR ILLUMINAT? OR EXPOS?)  
L4 11 S L3 AND (HYDROGEN OR "H.SUB.2")

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